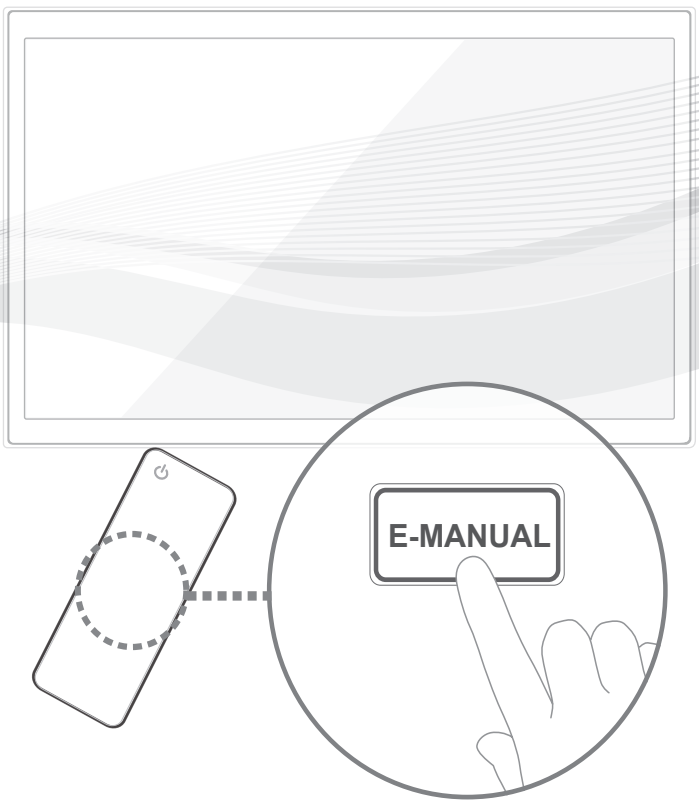
SAMSUNG

SERIES 4

LED TV

User Manual



imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at

www.samsung.com/register

Model _____ Serial No. _____

For more information on how to use e-Manual (P.12)

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Still image warning

Avoid displaying still images (like jpeg picture files) or still image element (like TV programme logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause ghosting of LCD screen, which will affect image quality. To reduce risk of this effect, please follow below recommendations:

- Avoid displaying the same TV channel for long periods.
- Always try do display any image on full screen, use TV set picture format menu for best possible match.
- Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
- Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.

Securing the Installation Space

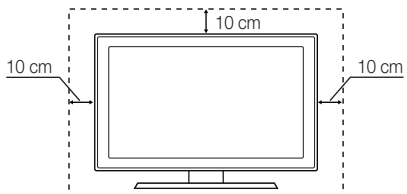
Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation.
Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature of the product.

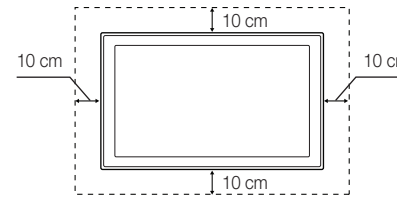
✎ When using a stand or wall-mount, use parts provided by Samsung Electronics only.
- If you use parts provided by another manufacturer, it may result in a problem with the product or an injury due to the product falling.

✎ The appearance may differ depending on the product.

✎ Be careful when you contact the TV because some parts can be somewhat hot.

Installation with a stand.	Installation with a wall-mount.





Accessories

✎ Please make sure the following items are included with your TV. If any items are missing, contact your dealer.

✎ The items' colours and shapes may vary depending on the models.

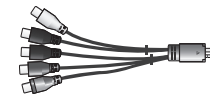
✎ Cables not included in the package contents can be purchased separately.

⚠ **CAUTION: INSERT SECURELY LEST SHOULD BE DETACHED IN SET**

- Remote Control & Batteries (AAA x 2)
- Owner's Instructions
- Warranty Card / Safety Guide (Not available in some locations)
- Power Cord
- Cleaning Cloth

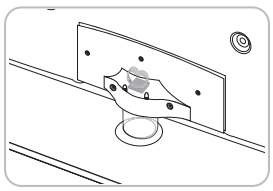
- Holder Ring (4EA)

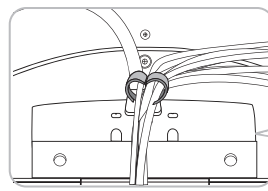
- Holder-Wire Stand

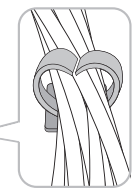


- AV / Component Adapter

Assembling the Holder-Wire stand

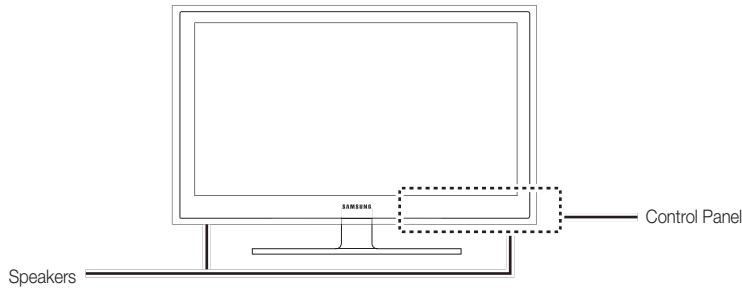






Viewing the Control Panel

✎ The product colour and shape may vary depending on the model.



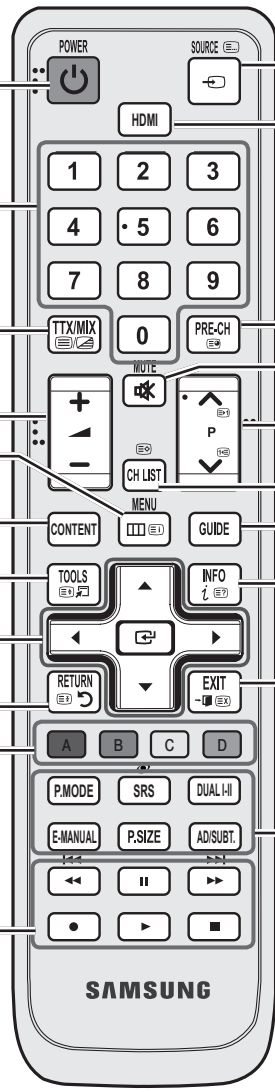
Remote control sensor	Aim the remote control towards this spot on the TV.
Power Indicator	Blinks and turns off when the power is on and lights up in standby mode.
SOURCE ⏎	Toggles between all the available input sources. In the on-screen menu, use this button as you would use the ENTER ⏎ button on the remote control.
MENU	Displays an on-screen menu, the OSD (on screen display) of your TV's features.
— VOL +	Adjusts the volume. In the OSD, use the — VOL + buttons as you would use the ◄ and ► buttons on the remote control.
∨ CH ∧	Changes the channels. In the OSD, use the ∨ CH ∧ buttons as you would use the ▼ and ▲ buttons on the remote control.
⏻ (Power)	Turns the TV on or off.

Standby mode

Do not leave your TV in standby mode for long periods of time (when you are away on a holiday, for example). A small amount of electric power is still consumed even when the power button is turned off. It is best to unplug the power cord.

Viewing the Remote Control

✎ This is a special remote control for the visually impaired persons and has Braille points on the Power, Channel, and Volume buttons.



Turns the TV on and off.

Press to directly access to channels.

Alternately select Teletext ON, Double, Mix or OFF.

Adjusts the volume.

Displays the main on-screen menu.

Displays the **My Downloads**, **Watch TV** and **Source**.

Quickly select frequently used functions.

Selects the on-screen menu items and changes the values seen on the menu.

Returns to the previous menu.

Buttons used in the **Channel List**, **Channel Manager**, **My Downloads** menu, etc.

Use these buttons in **My Downloads** and **Anynet+** modes.

Displays and selects the available video sources.

Selects the HDMI mode directly.

Returns to the previous channel.

Cuts off the sound temporarily.

Changes channels.

Displays channel lists on the screen.

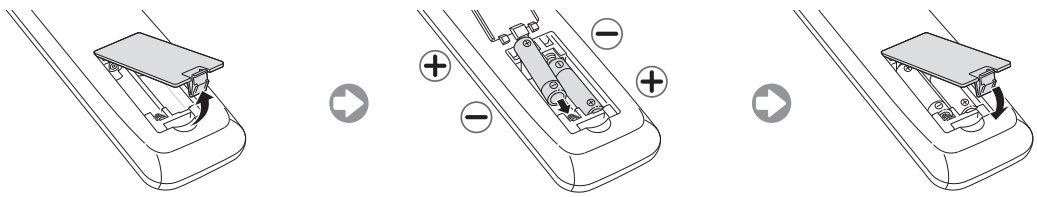
Displays the EPG (Electronic Programme Guide).

Displays information on the TV screen.

Exits the menu.

P.MODE: Selects picture mode.
SRS: Selects the SRS TruSurround HD mode.
DUAL I-II: Select Dual sound mode.
E-MANUAL: Displays the e-Manual guide.
P.SIZE: Selects the picture size.
AD: Audio Description selection. (Not available in some locations)
SUBT.: Displays digital subtitles.

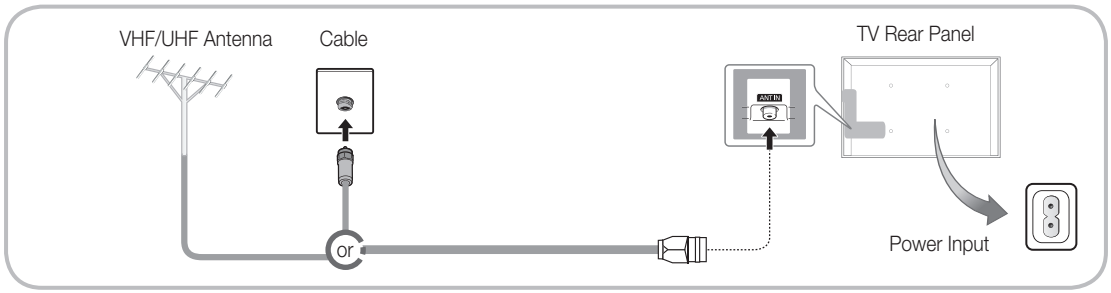
Installing batteries (Battery size: AAA)



Connecting to an Antenna

When the TV is initially powered on, basic settings proceed automatically.

✎ Preset: Connecting the mains and antenna.



Plug & Play (Initial Setup)

When the TV is initially powered on, a sequence of on-screen prompts will assist in configuring basic settings. Press the POWER ⏻ button. **Plug & Play** is available only when the Input source is set to TV.

✎ To return to the previous step, press the Red button.

1	Selecting a language	Press the ▲ or ▼ button, then press the ENTER ↵ button. Select the desired OSD (On Screen Display) language. (Not available in some locations)
	Selecting **Store Demo** or **Home Use**	Press the ◄ or ► button, then press the ENTER ↵ button. Select the **Home Use** mode. **Store Demo** mode is for retail environments. To return the unit's settings from **Store Demo** to **Home Use** (standard): Press the volume button on the TV. When the OSD volume is displayed, press and hold MENU for 5 sec. **Store Demo** is only for shop display. If you select it, several functions are not able to use. Please select **Home Use** when you watch at home.
2	Selecting a country	Press the ▲ or ▼ button, then press the ENTER ↵ button. Select the appropriate country. (Not available in some locations) ✎ After selecting the country in the **Country** menu, some models may proceed with an additional option to setup the pin number. ✎ When you input the PIN number, 0-0-0-0 is not available.
	Selecting an area	Press the ▲ or ▼ button, then press the ENTER ↵ button. Select the appropriate area. (Not available in some locations)
3	Setting the **Clock Mode**	Set the **Clock Mode** automatically or manually. ✎ If you select the **Auto**, select the time zone which you live. (Australia only)
4	Selecting an antenna	Press the ▲ or ▼ button, then press the ENTER ↵ button. Select **Air (Digital & Analogue/Digital/Analogue)** or **Cable (Digital & Analogue/Digital/Analogue)**.
5	Selecting a channel	Press the ▲ or ▼ button, then press the ENTER ↵ button. Select the channel source to memorise. When setting the antenna source to **Cable**, a step appears allowing you to assign numerical values (channel frequencies) to the channels. For more information, refer to **Channel** → **Auto Tuning**. Press the ENTER ↵ button at any time to interrupt the memorisation process.
6	**Enjoy your TV.**	Select the **Watch TV**. Press the ENTER ↵ button.

If You Want to Reset This Feature...

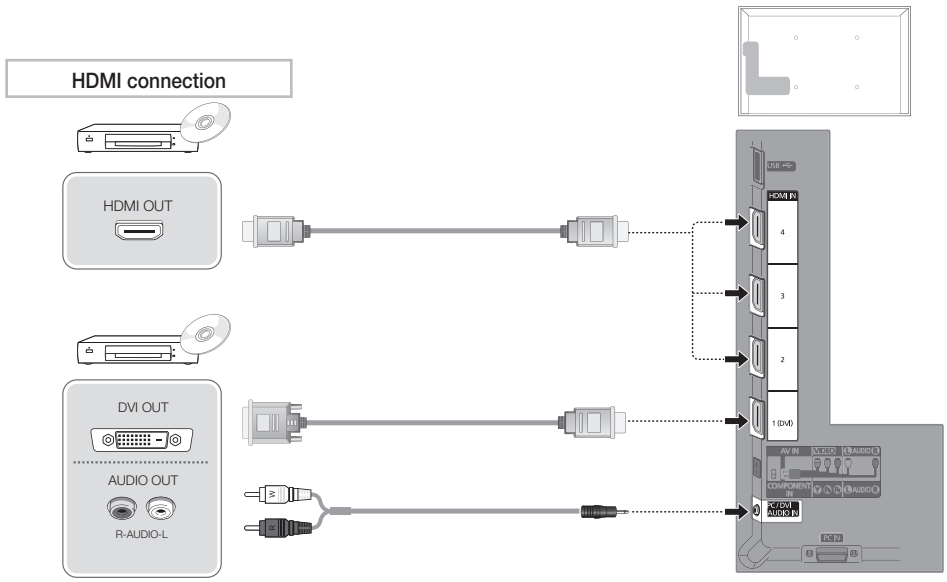
Select **System** - **Plug & Play** (Initial Setup). Enter your 4 digit PIN number. The default PIN number is "0-0-0-0." If you want to change the PIN number, use the **Change PIN** function.

You should do **Plug & Play** (Menu -> **System**) again at home although you did in shop.

✎ If you forget the PIN code, press the remote control buttons in the following sequence in Standby mode, which resets the PIN to "0-0-0-0" : MUTE → 8 → 2 → 4 → POWER (on)

Connecting to an AV devices

Available devices: DVD, Blu-ray player, HD cable box, HD STB (Set-Top-Box) satellite receiver, VCR, Digital Audio System, Amplifier, DVD Home Theatre, PC

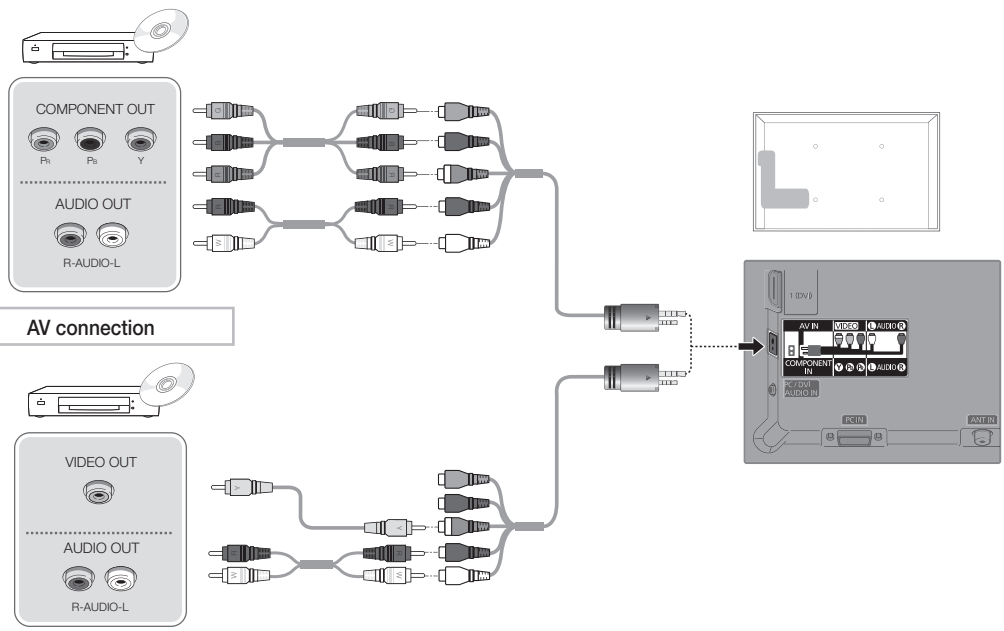


Using an HDMI cable or HDMI to DVI Cable (up to 1080p)

✎ **HDMI IN 1(DVI), 2, 3, 4, PC/DVI AUDIO IN**

- For better picture and audio quality, connect to a digital device using an HDMI cable.
- An HDMI cable supports digital video and audio signals, and does not require an audio cable.
  – To connect the TV to a digital device that does not support HDMI output, use an HDMI/DVI and audio cables.
- The picture may not display normally (if at all) or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacturer of the external device about the HDMI version and, if out of date, request an upgrade.
- Be sure to use an HDMI cable with a thickness of 14 mm or less.
- Be sure to purchase a certified HDMI cable. Otherwise, the picture may not display or a connection error may occur.
- A basic high-speed HDMI cable or one with ethernet is recommended. This product does not support the ethernet function via HDMI.

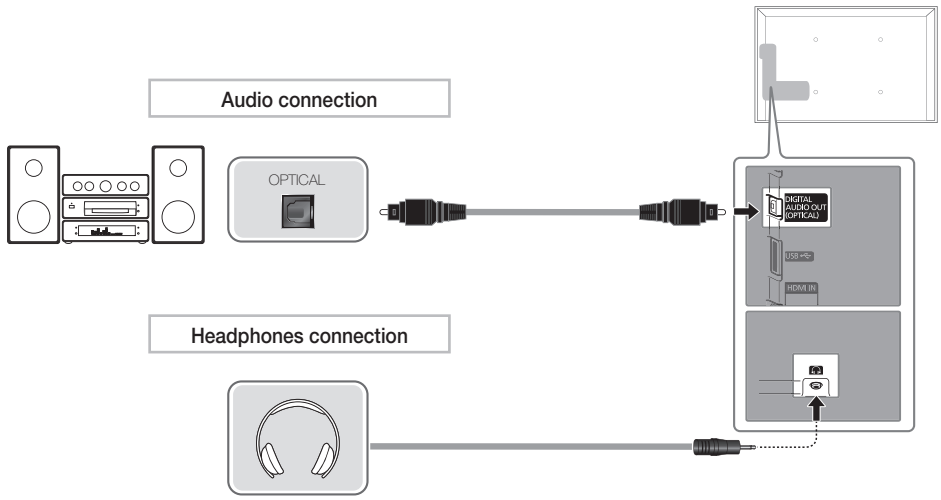
Component connection



Using a Component (up to 1080p) or Audio/Video (480i only)

✎ To obtain the best picture quality, the Component connection is recommended over the A/V connection.

Available devices: Digital Audio System, Amplifier, DVD Home Theatre



Using an Optical (Digital) or Headphone Cable Connection

✎ DIGITAL AUDIO OUT (OPTICAL)

- When a digital audio system is connected to the **DIGITAL AUDIO OUT (OPTICAL)** jack, decrease the volume of both the TV and the system.
- 5.1 CH (channel) audio is available when the TV is connected to an external device supporting 5.1 CH.
- When the receiver (home theatre) is set to on, you can hear sound output from the TV's optical jack. When the TV is receiving a DTV signal, the TV will send 5.1 CH sound to the home theatre receiver. When the source is a digital component such as a DVD / Blu-ray player / cable box / STB (Set-Top-Box) satellite receiver and is connected to the TV via HDMI, only 2 CH audio will be heard from the home theatre receiver. If you want to hear 5.1 CH audio, connect the digital audio out jack from your DVD / Blu-ray player / cable box / STB satellite receiver directly to an amplifier or home theatre.

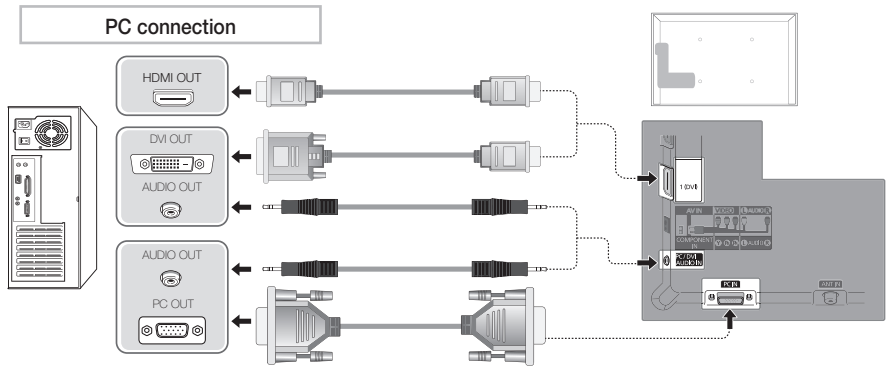
✎ **Headphones** 🎧: You can connect your headphones to the headphones output on your set. While the headphones are connected, the sound from the built-in speakers will be disabled.

- Sound function may be restricted when connecting headphones to the TV.
- Headphone volume and TV volume are adjusted separately.

Using an HDMI cable or HDMI to DVI Cable / a D-sub Cable

✎ Connecting through the HDMI cable may not be supported depending on the PC.

✎ An HDMI cable supports digital video and audio signals, and does not require an audio cable.



Display Modes (D-Sub and HDMI/DVI Input)

Optimal resolution is 1360 X 768 @ 60 Hz.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)
IBM	640 x 350	31.469	70.086	25.175	+ / -
	720 x 400	31.469	70.087	28.322	- / +
MAC	640 x 480	35.000	66.667	30.240	- / -
	832 x 624	49.726	74.551	57.284	- / -
VESA DMT	640 x 480	31.469	59.940	25.175	- / -
		37.861	72.809	31.500	- / -
		37.500	75.000	31.500	- / -
	800 x 600	37.879	60.317	40.000	+ / +
		48.077	72.188	50.000	+ / +
		46.875	75.000	49.500	+ / +
	1024 x 768	48.363	60.004	65.000	- / -
		56.476	70.069	75.000	- / -
		60.023	75.029	78.750	+ / +
	1360 x 768	47.712	60.015	85.500	+ / +

✎ **NOTE**

- For HDMI/DVI cable connection, you must use the **HDMI IN 1(DVI)** jack.
- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- Separate and Composite modes are supported. SOG(Sync On Green) is not supported.

Changing the Input Source

Source List

Use to select TV or other external input sources such as DVD / Blu-ray players / cable box / STB satellite receiver connected to the TV.

■ **TV / PC / AV / Component / HDMI1/DVI / HDMI2 / HDMI3 / HDMI4 / USB**

- ✎ In the Source List, connected inputs will be highlighted.
- ✎ If you want to see connected devices only, move to **Connected** using ◄ or ► button.
- ✎ **PC** always stays activated.
- ✎ If the connected external devices are not highlighted, press the red button. The TV will search for onnected devices.

Edit Name

How to use Edit Name

In the Source, press the **TOOLS** button, and then you can set an external input sources name you want.

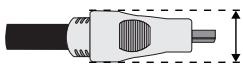
■ **VCR / DVD / Cable STB / Satellite STB / PVR STB / AV Receiver / Game / Camcorder / PC / DVI PC / DVI Devices / TV / IPTV / Blu-ray / HD DVD / DMA**: Name the device connected to the input jacks to make your input source selection easier.

- ✎ When connecting a PC to the **HDMI IN 1(DVI)** port with HDMI cable, you should set the TV to **PC** mode under **Edit Name**.
- ✎ When connecting a PC to the **HDMI IN 1(DVI)** port with HDMI to DVI cable, you should set the TV to **DVI PC** mode under **Edit Name**.
- ✎ When connecting an AV devices to the **HDMI IN 1(DVI)** port with HDMI to DVI cable, you should set the TV to **DVI Devices** mode under **Edit Name**.

Information

You can see detailed information about the selected external device.

✎ For best cable connection to this product, be sure to use cables with a maximum thickness as below:



- Maximum thickness - 0.55 inches (14mm)

How to view the e-Manual

You can find instructions about your TV's features in the **e-Manual** in your TV. To use, press the E-MANUAL button on your remote. Move the cursor using the up/down/right/left buttons to highlight a category, then a topic, and then press the ENTER button. The e-Manual displays the page you want to see.

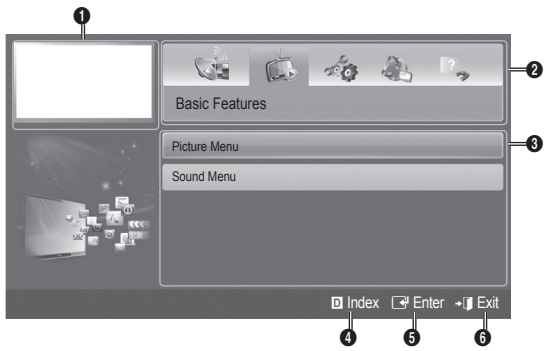
You can also access it through the menu:

MENU → **Support** → **e-Manual** → ENTER

✎ To return to the e-Manual main menu, press the E-MANUAL button on the remote.

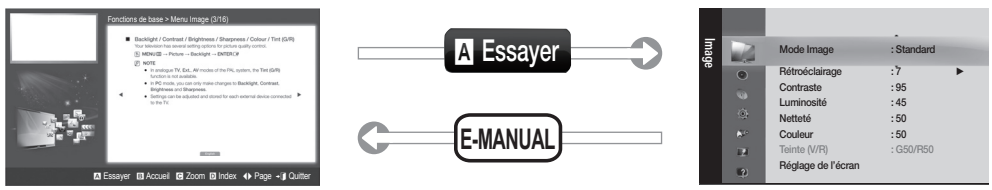
✎ You cannot use **Try now** directly if the TV is set to an external input source.

Screen Display



1. Currently displayed video, TV program, etc.
2. The category list. Press ◄ or ► button to select category you want.
3. Displays the sub-menu list. Use the arrow buttons on your remote to move the cursor. Press ENTER button to select the sub-menu you want.
4. D Blue (**Index**): Displays the index screen.
5. **Enter**: Selects a category or sub-menu.
6. **Exit**: Exit the e-Manual.

How to toggle between an e-Manual topic and the corresponding OSD menu(s).



✎ This function is not enabled in some menus.

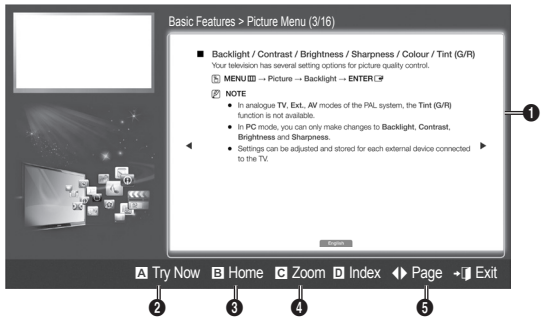
Method 1

1. If you want to use the menu that corresponds to an **e-Manual** topic, press the red button to select **Try Now**.
2. To return to the e-Manual screen, press the E-MANUAL button.

Method 2

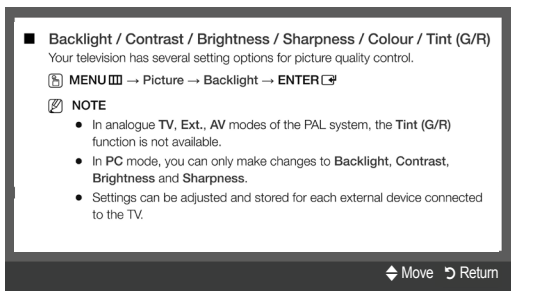
1. Press the ENTER button when a topic is displayed. "**Are you sure?**" appears. Select **Yes,** and then press the ENTER button. The OSD window appears.
2. To return to the **e-Manual** screen, press the E-MANUAL button.

Viewing the Contents


Basic Features > Picture Menu (3/16)
Backlight / Contrast / Brightness / Sharpness / Colour / Tint (G/R)
Your television has several setting options for picture quality control.
MENU → Picture → Backlight → ENTER
NOTE
In analogue TV, Ext., AV modes of the PAL system, the Tint (G/R) function is not available.
In PC mode, you can only make changes to Backlight, Contrast, Brightness and Sharpness.
Settings can be adjusted and stored for each external device connected to the TV.
A Try Now
B Home
C Zoom
D Index
Page
Exit
1
2
3
4
5

1. Contents Area: Contains the topic contents, if you selected a sub-menu. To move previous or next page, press the ◄ / ► button.
2. **Try Now**: Displays the OSD menu that corresponds to the topic. To return to the e-Manual screen, press the E-MANUAL button.
3. **Home**: Moves to the **e-Manual** home screen.
4. **Zoom**: Magnifies a screen. You can scroll through the magnified screen by using ▲ / ▼ buttons.
5. ◆◆ (**Page**): Moves to previous or next page.

Using the Zoom mode


Backlight / Contrast / Brightness / Sharpness / Colour / Tint (G/R)
Your television has several setting options for picture quality control.
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In PC mode, you can only make changes to Backlight, Contrast, Brightness and Sharpness.
Settings can be adjusted and stored for each external device connected to the TV.
Move
Return

Select the **Zoom**, and then press ENTER↵ to magnify the screen. You can scroll through the magnified screen by using the ▲ or ▼ buttons.

✎ To return to the screen to normal size, press the RETURN button.

How to search for a topic on the index page

(Not available in a certain language)

1. To search for a topic, press the left or right arrow button to select a letter, and then press ENTER↵. The Index displays a list of topics and keywords that begin with the letter you selected.
2. Press the up or down arrow button to select a topic or keyword, and then press the ENTER↵ button.
3. The e-Manual page with the topic appears.

✎ To close the **Index** screen, press the RETURN button.

Installing the Wall Mount

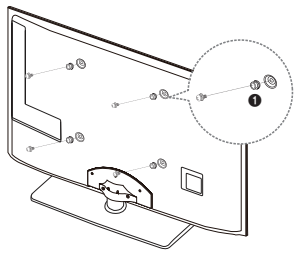
The wall mount kit (sold separately) allows you to mount the TV on the wall.

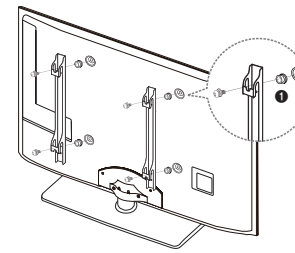
For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when installing the wall mount bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

Wall Mount Kit Specifications (VESA)

Case A. Installing the SAMSUNG Wall-Mount	Case B. Installing another company's Wall-Mount





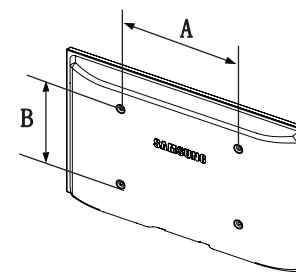
✎ Wall mount kit is not supplied but sold separately.

Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer. If installed on a ceiling or slanted wall, it may fall and result in severe personal injury.

✎ **NOTE**

- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws longer than the standard dimension, as they may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on their specifications.
- Do not fasten the screws too strongly, this may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not exceed 15 degrees tilt when mounting this TV.

Product Family	inches	VESA Spec. (A * B)	Standard Screw	Quantity
LED-TV	19~22	75 X 75	M4	4
	27	200 X 100		
	32~40	200 X 200	M8	
	46~55	400 X 400		
	60~65	600 X 400		



Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.

Troubleshooting

If the TV seems to have a problem, first try this list of possible problems and solutions. If none of these troubleshooting tips apply, visit “www.samsung.com,” then click on Support, or call Samsung customer service.

Issues	Solutions and Explanations
The TV will not turn on.	• Make sure the AC power cord is securely plugged in to the wall outlet and the TV. • Make sure the wall outlet is working. • Try pressing the **POWER** button on the TV to make sure the problem is not the remote. If the TV turns on, refer to “Remote control does not work” below.
There is no picture/video.	• Check cable connections (remove and reconnect all cables connected to the TV and external devices). • Set your external device’s (Cable/Set top Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For example, if an external device’s output is HDMI, it should be connected to an HDMI input on the TV. • Make sure your connected devices are powered on. • Be sure to select the TV’s correct source by pressing the **SOURCE** button on the remote control. • Reboot the connected device by reconnecting the device’s power cable.
The remote control does not work.	• Replace the remote control batteries with the poles (+/–) in the right direction. • Clean the sensor’s transmission window on the remote. • Try pointing the remote directly at the TV from 5~6 feet away.
The cable/set top box remote control doesn’t turn the TV on or off, or adjust the volume.	• Programme the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set user manual for the SAMSUNG TV code.

✎ You can keep your TV as optimum condition to upgrade the latest firmware on web site (samsung.com -> Support -> Downloads) by USB.

✎ This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

Licence

SRS TheaterSound

DOLBY DIGITAL PLUS PULSE

dts 2.0+Digital Out

DIVX HD

List of Features

Excellent Digital Interface & Networking: With a built-in HD digital tuner, nonsubscription HD broadcasts can be viewed without a cable box / STB (Set-Top-Box) satellite receiver.

My Downloads

Allows you to play music files, pictures, and movies saved on a USB device.

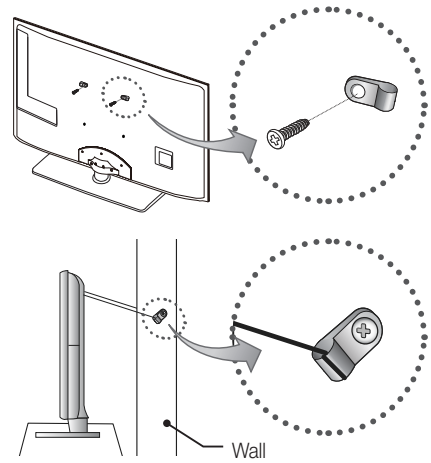
Anynet+(HDMI-CEC)

Allows you to control all connected Samsung devices that support Anynet+ with your Samsung TV’s remote.

Securing the TV to the Wall

Caution: Pulling, pushing, or climbing onto the TV may cause the TV to fall. In particular, ensure that your children do not hang over or destabilize the TV; doing so may cause the TV to tip over, resulting in serious injuries or death. Follow all safety precautions provided on the included Safety Flyer. For added stability, install the anti-fall device for safety purposes, as follows.

To avoid the TV from falling

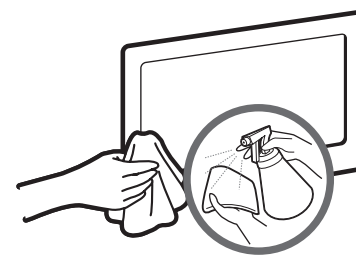


1. Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.
   - ✎ You may need additional material such as an anchor depending on the type of wall.
   - ✎ Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.
2. Remove the screws from the centre back of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.
   - ✎ Screws may not be supplied with the product. In this case, please purchase the screws of the following specifications.
   - ✎ Screw Specifications
     - For a 32 ~ 65 inch LED TV: M8
3. Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong string and then tie the string tightly.
   - ✎ **NOTE**
     - Install the TV near to the wall so that it does not fall backwards.
     - It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.
     - Untie the string before moving the TV.
4. Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.

Storage and Maintenance

✎ If you remove the attached sticker on the TV screen, clean the residues and then watch TV.

Do not spray water or a cleaning agent directly onto the product. Any liquid that goes into the product may cause a failure, fire, or electric shock.



Clean the product with a soft cloth dapped in a small amount of water.

Specifications

Display Resolution	1360 x 768
Environmental Considerations Operating Temperature Operating Humidity Storage Temperature Storage Humidity	 10°C to 40°C (50°F to 104°F) 10% to 80%, non-condensing -20°C to 45°C (-4°F to 113°F) 5% to 95%, non-condensing
Stand Swivel (Left / Right)	0˚
Model Name	UA32D4000 / UA32D4010 / UA32D4020
Screen Size	32 inches
Sound (Output)	 10 W X 2
Dimensions (WxDxH) Body With stand	 763.6 X 29.9 X 463.1 (mm) 763.6 X 222.7 X 527.1 (mm)
Weight Without Stand With Stand	 7.0 kg 9.0 kg

✎ Design and specifications are subject to change without prior notice.

✎ For information about power supply, and more about power consumption, refer to the label attached to the product.

SAMSUNG

Contact SAMSUNG WORLDWIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Country	Customer Care Centre ☎	Web Site
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
CHINA	400-810-5858	www.samsung.com
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JAPAN	0120-327-527	www.samsung.com
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